

Date: Monday, 09/03/2009 1:42:34 PM  
User: Julie Dawson

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : DOUBLER
<b>Job Number</b> : 46337	
<b>Estimate Number</b> : 10296	
<b>P.O. Number</b> :	<b>Part Number</b> : D32203
<b>This Issue</b> : 09/03/2009 <b>S.O. No.</b> :	<b>Drawing Number</b> : D3220
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : / / <b>Type</b> : SMALL /MED FAB	<b>Drawing Revision</b> : A1
<b>Previous Run</b> : 46210D	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 26/03/2009 <b>Qty:</b> 4 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <u>JUD 09.03.09</u>	
<b>Comment</b> : Est Rev: A New Issue 05-11-06 JLM Est: B 06.11.15 waterjet EC Est C: 08.11.26 Comment added to step 2 KJ Verified by: eC	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	M2024T3S050	2024-T3 .050 sheet
<b>Comment:</b> Qty.: 0.6233 sf(s)/Unit Total : 2.4931 sf(s) Material: 2024-T3 (QQ-A-250/4) 0.050" thick (M2024T3S.050 Identify for D3220-3 Batch: <u>107711</u>		
2.0	WATER JET	FLOW WATER JET
<b>Comment:</b> FLOW WATER JET 1-Cut as per Dwg D3220 Dwg Rev: <u>A1</u> Prog Rev: <u>A1</u> 2-Deburr if necessary		
3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
<b>Comment:</b> INSPECT PARTS AS THEY COME OFF MACHINE		
4.0	QC8	SECOND CHECK
<b>Comment:</b> SECOND CHECK		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DOUBLER

Job Number: 46337

Part Number: D32203

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

09/03/30 (4)

6.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

09-03-30 (4)

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST - 181

09/03/30 (4)

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/04/01 (4)

Job Completion



mf 09-03-31

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

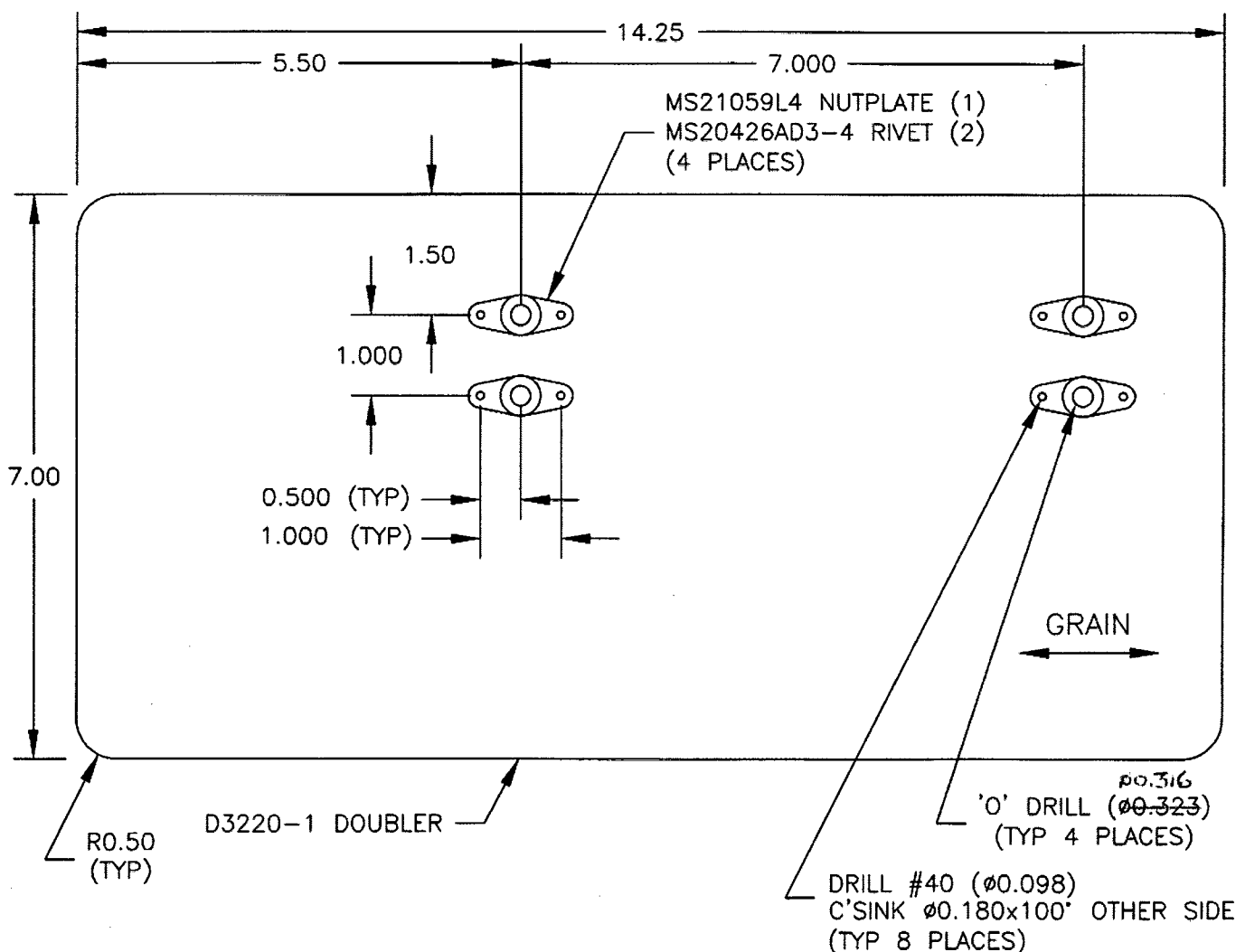
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





DESIGN	<i>[Signature]</i>	DRAWN BY	<i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO. D3220
DATE	03.10.16	TITLE	DOUBLER	REV. A SHEET 1 OF 2
A	03.10.16	NEW ISSUE		SCALE 1:2
AI	<i>CP</i>	03.11.13	CORRECTED DIM	



**D3220-041 (SHOWN) / -042 (OPPOSITE) DOUBLER ASSEMBLY (D3220-1 DOUBLER)**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.050 THICK  
(REF DART SPEC. M2024T3S.090)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

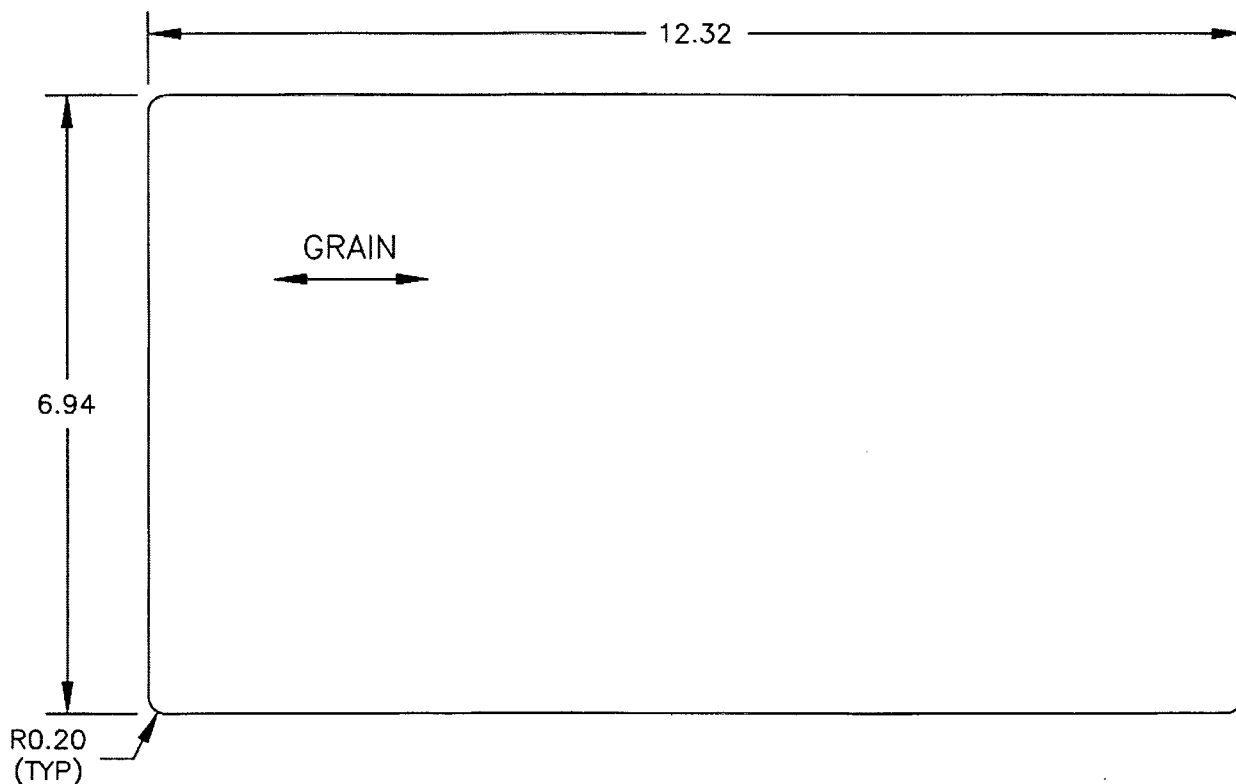
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DESIGN #	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3220	REV. A SHEET 2 OF 2
DATE 03.10.16		TITLE DOUBLER	SCALE 1:2



### D3220-3 DOUBLER

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.050 THICK  
(REF DART SPEC. M2024T3S.050)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

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